



Replacement Sheet

09/940,749
2825

100~

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
A	GND	I0R7	I07	I07	I0T07	I0T07	I0R7	I07	I07	I0R6	I0T06	I06	I0T06	I06	I0T06	I05	I0T05	I05	I0T05	I05	I0T05	I05	I05	GND	A		
B	I0R7	I0R7	I07	I07	I0T07	I0T07	I0T07	VDDQ	I07	I0R6	I0T06	I06	I0T06	I06	I0T06	I05	I0T05	I05	I0T05	I05	I0T05	I05	I05	I05	B		
C	I00	I07	I07	I07	VDDQ	VCCN	I07	GCTL3	I07	VDDQ	VDDQ	I0R6	I06	I06	I05	I05	GCTL2	GCTL1	I0T05	I0T05	I0T05	I0T05	I05	TDO	TCK	C	
D	I00	I00	I07	VDDQ	VDDQ	GND	I0R7	I07	NC	VDDQ	VCC	I0T06	I06	I06	VCPLL	VDDQ	VDDQ	YCC	NC	GCLK1	I05	TMS	TDI	D			
E	I0T0	I00	GCTL0	GND	I0T07	GND	I0R6	I06	I06	I0T06	I06	I06	I0T06	I06	I05	I05	I0T05	I0T05	I05	VCC05	VCC05	VCC05	VCC05	VCJTG	E		
F	I0R0	I00	VCC	GND																NC	NC	NC	NC	NC	F		
G	I0T0	I0R0	VCCN	VCC00	GCL10														NC	NC	NC	NC	NC	NC	G		
H	I0T0	I0T0	VCCN	VCC00	GND														NC	VSSQ	VSSQ	NC	NC	NC	H		
J	I0T0	I00	VCC	VCC00	GND														NC	VSSQ	VSSQ	VSSQ	VSSQ	VSSQ	NC	J	
K	I00	I00	I0T0	VCCN															NC	VSSQ	VSSQ	NC	NC	NC	NC	K	
L	I00	I00	GND	I0T0															NC	NC	NC	NC	NC	NC	L		
M	I0R0	I00	GND	I0T0															NC	RXCN1	RXCN1	RXCN1	RXCN1	RXCN2	NC	M	
N	VCC	I00	I0T0	GND	I0R0														SD	I0R0	I0R0	I0R0	I0R0	I0R0	I0R0	SD	
P	I01	I01	I01	I0T11	I00														NC	VCCQ	VCCQ	VCCQ	VCCQ	VCCQ	VCCQ	N	
R	I01	I01	I0T11	VCC01	GND														INPT	VSSQ	VSSQ	INP	INN	INN	INN	P	
T	I0R1	I0R1	I0T11	I0T11															INNT	VSSQ	VSSQ	VSSQ	VSSQ	VSSQ	VSSQ	R	
U	I01	I0T11	GND	GND															NC	VCCQ	VCCQ	VCCQ	VCCQ	VCCQ	VCCQ	T	
V	I01	I0R1	I0T11	GND															REFCLKP	VCC04	I0T04	I0T04	I0T04	I0T04	I0T04	VCC04	V
W	I0T11	I01	I0T11	I01	GND														REFCLKN	VCC04	I0T04	I0T04	I0T04	I0T04	I0T04	I0T04	W
Y	I0T11	I01	VCEP	I0T11	I01														I0T04	VCEP	I04	I0T04	I0T04	I0T04	I0T04	Y	
AA	I01	I01	VCC01	I0R1	GND														I0T04	NC	I0T04	I04	I04	I04	I04	AA	
AB	CNFG1	CD0NE	VCC01	I0T11	I02	GND	GND	I02	I0R2	I02	I0T13	GND	I0T13	GND	GND	I03	I03	I0T13	I0T13	I0T13	I0T13	I0T13	I0T13	I0T13	I0T13	AB	
AC	CDATA	CFGB	I0T12	VCCFG	VCC02	VCC02	VCC02	NC	I02	I0T12	I02	VDDQ	VCC03	I03	I03	I0R3	NC	NC	VCC04	I0R4	I0R4	I0R4	I0R4	I0R4	I0R4	AC	
AD	CRST	CCLK	I0T12	I02	I02	NC	VDDQ	VDDQ	I0T12	I02	I0R2	I02	I0T13	I03	I03	VCC	VCC03	VCC03	I0R3	I03	I03	I03	I03	I03	I03	AD	
AE	CCE	CNFG0	I0R2	I0T12	I0R2	I02	I02	I02	I02	I0T12	I02	I02	I02	I02	I03	I03	I03	I0T13	I0T13	I0T13	I0T13	I0T13	I0T13	I0T13	AE		
AF	GND	I0T2	I0T2	I02	I02	I0T2	I02	I0T2	I02	I0T2	I02	I0T2	I02	I0T2	I03	I03	I03	I0T13	I0T13	I0T13	I0T13	I0T13	I0T13	I0T13	GND	AF	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	

FIG. 2

100'

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26		
A	GND	I0R7	NC	NC	NC	ICR7	NC	NC	I0R6	NC	NC	I0R5	05	I0T5	I05	I0T5	I05	I0T5	I05	I0T5	I05	I0T5	I05	I0T5	GND	A		
B	I0R7	NC	I0R7	NC	NC	NC	NC	VDDA	I07	I0R6	NC	I0T6	NC	I05	I0T5	I05	I0T5	I05	I0T5	I05	I0T5	I05	I0T5	I05	I0T5	I05	B	
C	I00	NC	NC	VDDQ	VCCN	VCCN	NC	GCTL3	I07	VDDQ	VDDQ	I0R6	NC	NC	I05	I05	I05	I05	I05	I05	I05	I05	I05	I05	I05	I05	I05	C
D	I00	I00	NC	VDDQ	VDDQ	VDDQ	GND	I0R7	I07	VCCN	VDDQ	VCC	NC	I06	VCPILL	VDDQ	VDDQ	VCC	VDDQ	NC	I05	TCK						
E	I0T0	I00	GCTL0	GND	GND	NC	GND	I0R6	NC	I0T0P6	NC	I06	I0R5	I05	I05	I0T05	TDI											
F	I0R0	I0T0	I00	VCC	GND																						VCJTG	
G	I0T0	I0R0	VCCN	VCC00	GCL10																						RXCN1_B	
H	I0T0	I0T0	VCCN	VCC00	GND																						VCCQ	
I	I0T0	I00	VCC	VCC00	GND																						INN_B	
K	I00	I00	I0T0	VCCN																							CMSER_B	
L	I00	I00	GND	I0T0						GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	J	
M	I0R0	I00	GND	I0T0						GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	K
N	VCC	I00	I0T0	GND	I0R0					GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	L
P	I01	I01	I01	I0T1	I00					GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	M
R	I01	I01	I0T1	VCC01	GND0					GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	VCCQ
T	I0R1	I0R1	I0T1	I0T1	I0T1					GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	INN
U	I01	I01	I0T1	GND	I0T1																						INN	
V	I01	I01	I0R1	I0T1	GND																						INN	
W	I0T1	I01	I0T1	I01	GND																						INN	
Y	I0T1	I01	VCEP	I0T1	I01																						INN	
AA	I01	I01	VCC01	I0R1	GND0																						INN	
AB	CNFG1	CDONE	VCC01	I0T1	I02	GND	GND	I02	I0R2	I02	I0T2	I0T3	GND	I0T3	GND	GND	I03	I0T3	AB									
AC	CDATA	CFG8	I0T2	VCCFG	VCC02	VCC02	VCCN	I02	I0T2	I02	VDDQ	VCC03	I03	I03	I0R3	VCCN	VDDQ	VCC04	I0R4	AC								
AD	CRST	CCLK	I0T2	I0T2	I02	I02	VCCN	VDDQ	I0T2	I02	I0T2	I0T3	I03	I03	I03	VCC	VCC03	VCC03	I0R3	AD								
AE	CCE	CNFG0	I0R2	I0T2	I02	I02	I02	I02	I0T2	I02	I0T2	I0T3	I03	I03	I03	I03	I0R3	I0R3	I0T3	AE								
AF	GND	I0T2	I02	I02	I0R2	I02	I0T2	I02	I0T2	I02	I0T2	I0R3	I03	I03	I03	I03	I0T3	AF										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	26		

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FIG. 3